

## Electronic Acknowledgement Receipt

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| <b>EFS ID:</b>                              | 6087583  |
| <b>Application Number:</b>                  | 10698180   |
| <b>International Application Number:</b>    |  |
| <b>Confirmation Number:</b>                 | 9903   |
| <b>Title of Invention:</b>                  | OPTIMAL SPREADER SYSTEM, DEVICE AND METHOD FOR FLUID COOLED MICRO-SCALED HEAT EXCHANGE |
| <b>First Named Inventor/Applicant Name:</b> | Girish Upadhya   |
| <b>Customer Number:</b>                     | 28960  |
| <b>Filer:</b>                               | Thomas B. Haverstock   |
| <b>Filer Authorized By:</b>                 |  |
| <b>Attorney Docket Number:</b>              | COOL-00800   |
| <b>Receipt Date:</b>                        | 16-SEP-2009  |
| <b>Filing Date:</b>                         | 30-OCT-2003  |
| <b>Time Stamp:</b>                          | 18:52:02   |
| <b>Application Type:</b>                    | Utility under 35 USC 111(a)  |

### Payment information:

|  |                      |
|--|----------------------|
| Submitted with Payment                   | yes                  |
| Payment Type                             | Credit Card          |
| Payment was successfully received in RAM | \$1540               |
| RAM confirmation Number                  | 7574                 |
| Deposit Account                          | 081275               |
| Authorized User                          | HAVERSTOCK,THOMAS B. |

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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## File Listing:

| Document Number                     | Document Description          | File Name                         | File Size(Bytes)/ Message Digest                   | Multi Part /.zip | Pages (if appl.) |
|-------------------------------------|-------------------------------|-----------------------------------|--|------------------|------------------|
| 1                                   | Miscellaneous Incoming Letter | loss_sm_entity_trans_09_16_09.pdf | 39773<br>6e90c5cd18b671acc99a6d4d737b0e3293465d    | no               | 2                |
| <b>Warnings:</b>                    |                               |                                   |  |                  |                  |
| <b>Information:</b>                 |                               |                                   |  |                  |                  |
| 2                                   | Miscellaneous Incoming Letter | loss_sm_entity_09_16_09.pdf       | 24717<br>07ac16235e022ae7987511c9c96ca08f8a0f0e8fc | no               | 1                |
| <b>Warnings:</b>                    |                               |                                   |  |                  |                  |
| <b>Information:</b>                 |                               |                                   |  |                  |                  |
| 3                                   | Issue Fee Payment (PTO-85B)   | issuefee_trans_09_16_09.pdf       | 228927<br>91173805561c3db169f4613a3ab085d019e40b   | no               | 2                |
| <b>Warnings:</b>                    |                               |                                   |  |                  |                  |
| <b>Information:</b>                 |                               |                                   |  |                  |                  |
| 4                                   | Fee Worksheet (PTO-875)       | fee-info.pdf                      | 32143<br>9228f9911a70884cc5418ec7a004d12b072f00ca4 | no               | 2                |
| <b>Warnings:</b>                    |                               |                                   |  |                  |                  |
| <b>Information:</b>                 |                               |                                   |  |                  |                  |
| <b>Total Files Size (in bytes):</b> |                               |                                   | 325560   |                  |                  |

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### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.